

Form PTO-1449

INFORMATION DISCLOSURE CITATION
IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 449142000120

Application Number 09/935,455

Applicant

Matthew O'KEEFE and Pamela K. FOREMAN

Filing Date August 22, 2001

~~Group Art Unit To Be Assigned~~ 1944Mailing Date Sept. 14, 2001

U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
WAB	1.	11/15/1983	4,415,732	Caruthers et al.			
	2.	07/03/1984	4,458,066	Caruthers et al.			
	3.	02/19/1985	4,500,707	Caruthers et al.			
	4.	08/29/1989	4,861,448	Cantor et al.			
	5.	11/27/1990	4,973,679	Caruthers et al.			
	6.	10/06/1992	5,153,319	Caruthers et al.			
	7.	06/01/1993	5,215,593	Nojo et al.			
	8.	03/01/1994	5,290,705	Davis			
	9.	08/29/1995	5,445,934	Fodor et al.			
	10.	04/23/1996	5,510,270	Fodor et al.			
	11.	02/04/1997	5,599,664	Schwartz			
	12.	02/25/1997	5,605,662	Heller et al.			
	13.	05/27/1997	5,632,957	Heller et al.			
	14.	04/28/1998	5,744,101	Fodor et al.			
	15.	06/30/1998	5,773,238	Shukla			
	16.	08/18/1998	5,795,748	Cottingham			
	17.	09/15/1998	5,807,522	Brown et al.			
	18.	11/24/1998	5,840,862	Bensimon et al.			
	19.	12/01/1998	5,843,767	Beattie			
	20.	01/05/1999	5,856,100	Hayashizaki			
	21.	03/30/1999	5,888,723	Sutton et al.			
	22.	07/27/1999	5,929,208	Heller et al.			
	23.	07/13/1999	5,922,604	Stapleton et al.			
	24.	09/21/1999	5,955,377	Maul et al.			
	25.	09/28/1999	5,958,345	Turner et al.			
WAB	26.	12/21/1999	6,004,744	Goelet et al.			

EXAMINER: WABDATE CONSIDERED: 10/3/01

EXAMINER: Initial if citation considered, whether or not the citation conforms with MPEP 609. Draw a line through the citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.



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<u>WAB</u>	27.	02/22/2000	6,027,873	Schellenberger et al.	<u> </u>	<u> </u>	
<u>WAB</u>	28.	11/14/2000	6,147,198	Schwartz	<u> </u>	<u> </u>	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO	
<u>WAB</u>	29.	✓ 10/15/1998	WO 98/45406	WIPO	<u> </u>	<u> </u>		
	30.	✓ 10/22/1998	WO 98/47003	WIPO	<u> </u>	<u> </u>		
	31.	✓ 03/11/1999	WO 99/11373	WIPO	<u> </u>	<u> </u>		
	32.	✓ 04/22/1999	WO 99/19510	WIPO	<u> </u>	<u> </u>		
	33.	✓ 07/15/1999	WO 99/34920	WIPO	<u> </u>	<u> </u>		
	34.	✓ 09/23/1999	WO 99/47922	WIPO	<u> </u>	<u> </u>		
	35.	✓ 10/21/1999	WO 99/52560 A1	WIPO	<u> </u>	<u> </u>		
<u>WAB</u>	36.	✓ 09/28/2000	WO 00/56456	WIPO	<u> </u>	<u> </u>		

OTHER DOCUMENTS

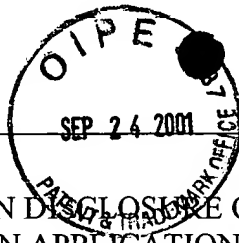
(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
<u>WAB</u>	37.	✓ Ausubel et al., (1987 and annual updates) <u>Current Protocols in Molecular Biology</u> , John Wiley & Sons, pp. iii-xii (Table of Contents).
	38.	✓ Birren et al. (eds) (1999) <u>Genome Analysis: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, pp v-ix (Table of Content).
	39.	✓ Eckstein (ed.), (1991). <u>Oligonucleotides and Analogues: A Practical Approach</u> , IRL Press, pp. ix-xvii (Table of Contents).
	40.	✓ Erfle et al, (1997) "Simultaneous loading of 200 sample lanes for DNA sequencing on vertical and horizontal, standard and ultrathin gels," <u>Nucleic Acids Research</u> 25(11):2229-2230.
	41.	✓ Gait (ed.), (1984). <u>Oligonucleotide Synthesis: A Practical Approach</u> , IRL Press, pp. vii-xiii (Table of Contents).
	42.	✓ Maniatis et al. (eds) , (1982). <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, pp.v-x (Table of Contents).
<u>WAB</u>	43.	✓ MacBeath and Schreiber, (2000). "Printing Proteins as Microarrays for High-Throughput Function Determination." <u>Science</u> , 289:1760-1763.
<u>WAB</u>	44.	✓ Sambrook et al. (eds), (1989). <u>Molecular Cloning: A Laboratory Manual</u> , Second Edition, Cold

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		Spring Harbor Laboratory Press, pp. xi-xxxviii (Table of Contents).
WAS	45.	✓ Singh-Gasson et al. (1999). "Maskless fabrication of light-directed oligonucleotide microarrays using a digital micromirror array." <i>Nature Biotechnology</i> 17:974-978.
J	46.	✓ Smith et al. (1996). "Dynamical Scaling of DNA Diffusion Coefficients." <i>Macromolecules</i> 29:1372-1373.
J	47.	✓ Thorstenson et al. (2001) "Global analysis of ATM polymorphism reveals significant functional constraint," <i>American Journal of Human Genetics</i> 69:396-412.
J	48.	✓ Vogelstein and Kinzler (1999). "Digital PCR," <i>Proc. Natl. Acad. Sci. USA</i> 96: 9236-9241.
J	49.	✓ Wittwer et al. (1997). "Continuous Fluorescence Monitoring of Rapid Cycle DNA Amplification." <i>BioTechniques</i> 22:130-138.
WAS	50.	✓ Wittwer et al. (1997). "The LightCycler™: A Microvolume Multisample Fluorimeter with Rapid Temperature Control." <i>BioTechniques</i> 22:176-181.

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INFORMATION DISCLOSURE CITATION
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Applicant

Matthew O'KEEFE and Pamela K. FOREMAN

Filing Date August 22, 2001

Group Art Unit 1743

Mailing Date January 18, 2002

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U.S. PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Name	Class	Subclass	Filing Date If Appropriate
WAB	1.	03/25/1975	3,873,268	McKie, Jr.	—	—	
WAB	2.	02/08/1994	5,284,753	Goodwin, Jr.	—	—	

FOREIGN PATENT DOCUMENTS

Examiner Initials	Ref. No.	Date	Document No.	Country	Class	Subclass	Translation YES NO

OTHER DOCUMENTS

(including author, title, Date, Pertinent Pages, Etc.)

Examiner Initials	Ref. No.	Title
WAB	3.	Anonymous, (2001). "The Living Chip-Automated Microarray Technology For Homogeneous and Inhomogeneous Bioassays" sponsored by BioTrove, Inc. at http://www.nist.gov/public_affairs/atp2000/00004362.htm (visited on June 6, 2001), 2 pages.

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